



"PATENT"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Jejelowo, et al.

SERIAL NUMBER: 08/986,696

FILED: December 08, 1997

FOR: Polymerization Catalyst Systems
and Their Use

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EXAMINER: R. Rabago

GROUP ART UNIT: 1713

ATTY. DOCKET NO.: 1997U001

DATE: May 24, 2000

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

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Response and Amendment under 37 CFR 1.116

This is in response to the United States Trademark and Patent Office action made final mailed March 20, 2000. Please amend the above-identified application as follows in order to place the case in condition for allowance or in better condition for appeal.

In the Claims

Claim 10. (three times amended) A process for polymerizing olefin(s) in the presence of a catalyst system comprising a [bulky ligand] hafnium metallocene catalyst compound having at least one [bulky] ligand substituted with at least one linear or iso alkyl group having from 3 to 10 carbon atoms, and an activator.

3 Claim 12. (three times amended) The process in accordance with claim 10 wherein the [bulky] ligand is one or more cyclopentadienyl ligands, wherein one of the cyclopentadienyl ligands is substituted with at least one linear or iso alkyl having 3 or 4 carbon atoms.

Claims 13, line 1, please delete the word "bulky."

10 Claim 20. (once amended) The process in accordance with claim 10 wherein the [bulky ligand] hafnium [transition metal] metallocene[-type] catalyst compound is bis(n-propyl-cyclopentadienyl) hafnium dichloride.

Claim 21, line 3, please delete the term, "bulky ligand."